

CLAIMS:

1. Method of copy detection of a record carrier on which table of content entries are mastered, characterized in that said table of content entries are mastered on said record carrier in a detectable non-standard way.
2. Method according to claim 1, wherein the sequence of table of content entries is mixed up compared to the standard sequence.
3. Method according to claim 1, wherein a number of repetitions of table of content entries is varied compared to the standard number of repetitions.
4. Method according to claim 1, wherein said table of content entries are only in a predetermined area on said record carrier mastered in a detectable non-standard way.
5. Method according to claim 1, further comprising the steps of:
 - storing subcode data on said record carrier in subcode frames of a subcode channel, each subcode frame comprising synchronization symbols and data symbols at predetermined positions within said subcode frame, and
 - assigning and storing a number of additional synchronization symbols to at least one subcode frame at positions provided for data symbols so that during read-out of said subcode channel a check signal can be generated indicating the presence or absence of said additional synchronization symbols.
6. Method according to claim 5, wherein a unique identifier uniquely identifying said record carrier is stored in said subcode frames and wherein said unique identifier is only outputted if said check signal indicates the presence of additional synchronization symbols within said subcode frames.

7. Method according to claim 5, wherein copying of said record carrier is prevented if said check signal indicates the absence of additional synchronization symbols in said subcode frames.
8. Method according to claim 5, wherein additional synchronization symbols are stored in each subcode frame, in particular at the end of each subcode frame.
9. Method according to claim 5, wherein said subcode frames are part of a subcode Q-channel, in particular as defined in the Red Book for CD audio or in the Yellow Book for CD-ROM.
10. Method according to claim 5, wherein said data symbols stored in said subcode frames comprise a unique identifier and error correction data and wherein said additional synchronization symbols are stored to said at least one subcode frame on the cost of said unique identifier or said error correction data.
11. Method of copy protection of a record carrier, in particular according to claim 1, comprising the steps of:
- storing subcode data on said record carrier in subcode frames of a subcode channel, each subcode frame comprising synchronization symbols and data symbols at predetermined positions within said subcode frame, and
 - assigning and storing a number of additional synchronization symbols to at least one subcode frame at positions provided for data symbols so that during read-out of said subcode channel a check signal can be generated indicating the presence or absence of said additional synchronization symbols.
12. Method of read-out of a record carrier on which table of content entries are mastered, comprising the steps of:
- reading said table of content entries,
 - checking if said table of content entries are mastered in a standard or a non-standard way, and
 - outputting a signal indicating if said table of content entries are mastered in the standard or in a non-standard way.

13. Method according to claim 12, wherein a unique identifier uniquely identifying said record carrier read from said record carrier is only outputted if said table of content entries are mastered in a non-standard way.

14. Method according to claim 12, wherein copying of said record carrier is prevented if said table of content entries are mastered in a non-standard way.

15. Method according to claim 12, wherein on the record carrier subcode data are stored in subcode frames of a subcode channel, each subcode frame comprising synchronization symbols and data symbols at predetermined positions within said subcode frame, further comprising the steps of:

- read-out of said subcode channel,
- checking if additional synchronization symbols are stored to at least one subcode frame at positions provided for data symbols, and
- outputting a check signal indicating the presence or absence of said additional synchronization symbols in at least one subcode frame.

16. Method of read-out of a record carrier on which subcode data are stored in subcode frames of a subcode channel, each subcode frame comprising synchronization symbols and data symbols at predetermined positions within said subcode frame, comprising the steps of:

- read-out of said subcode channel,
- checking if additional synchronization symbols are stored to at least one subcode frame at positions provided for data symbols, and
- outputting a check signal indicating the presence or absence of said additional synchronization symbols in at least one subcode frame.

17. Apparatus for copy detection of a record carrier on which table of content entries are mastered, characterized by control means for controlling the mastering of said table of content entries on said record carrier such that said table of content entries are mastered in a detectable non-standard way.

18. Apparatus for copy protection of a record carrier, in particular according to claim 8, comprising:

- storing means for storing subcode data on said record carrier in subcode frames of a subcode channel, each subcode frame comprising synchronization symbols and data symbols at predetermined positions within said subcode frame, and
- assigning means for assigning and storing a number of additional synchronization symbols to at least one subcode frame at positions provided for data symbols so that during read-out of said subcode channel a check signal can be generated indicating the presence or absence of said additional synchronization symbols.

19. Apparatus for read-out of a record carrier on which table of content entries are mastered comprising:

- reading means for reading said table of content entries,
- check means for checking if said table of content entries are mastered in a standard or a non-standard way, and
- output means for outputting a signal indicating if said table of content entries are mastered in the standard or in a non-standard way.

20. Apparatus for read-out of a record carrier on which subcode data are stored in subcode frames of a subcode channel, each subcode frame comprising synchronization symbols and data symbols at predetermined positions within said subcode frame, comprising:

- reading means for read-out of said subcode channel,
- check means for checking if additional synchronization symbols are stored to at least one subcode frame at positions provided for data symbols, and
- output means for outputting a check signal indicating the presence or absence of said additional synchronization symbols in at least one subcode frame.

21. Record carrier on which table of content entries are mastered, characterized in that said table of content entries are mastered in a detectable non-standard way.

22. Record carrier on which subcode data are stored in subcode frames of a subcode channel, each subcode frame comprising synchronization symbols and data symbols at predetermined positions within said subcode frame, wherein a number of additional synchronization symbols are assigned and stored to at least one subcode frame at positions provided for data symbols so that during read-out of said subcode channel a check signal can be generated in response to detection of said additional synchronization symbols.

23. Computer program for implementing the method of claim 1, 11, 12 or 16, comprising program code means for causing a computer to perform the steps of the method as claimed in claim 1, 11, 12 or 16 when said computer program is run on a computer.